



MERULA

Red Clover (2n)

Trifolium pratense L.

Things to know

MERULA is an advanced development of the established cultivar RÜTTINOVA. During the selection high priority was set on resistance to powdery mildew. MERULA is the highest yielding diploid "Mattenklee" cultivar. Especially in the second harvest year MERULA attracts attention by its enduring growth capacity and is little harmed by anthracnose.

Descent

Base material

Breed selection of the material of the variety RÜTTINOVA. High priority was set on a good resistance to powdery mildew and it was artificially infected with stem nematodes.

MO seed

Row trial 1993 (TP9305) with seed harvest from 25 families.

Literature

Frick R., Jeangros B., Demenga M., Suter D., Hirschi H.-U., 2008. Essais de variétés de trèfle violet. Revue suisse Agric. 40(6), 245-248

Boller B., Tanner P., Schubiger F.-X., 2004. Merula und Pavo: neue, ausdauernde Mattenkleesorten. Agrarforschung 11(5), 162-167

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2002

Situation abroad

DE (Representative: Freudenberger, Krefeld)

FR (Representative: Semental SAS, Yvré-l'Évêque)

AT, UK

Agronomic characteristics

Results of the official Swiss variety trials 2005-2007

(Frick et al. 2008) ("Mattenklee" 2n)

	MERULA	Mean
Yield	4.1	4.1
Juvenile growth	3.2	3.1
General impression	2.8	3.4
Competing ability	4.2	4.3
Persistence	3.8	4.3
Resistance to winter conditions	3.1	3.4
Resistance to Stemphylium Leafspots	2.2	2.5
Resistance to black blotch and powdery mildew	1.8	2.2
Resistance to Anthracnose	1.7	1.8
Index (weighted average of all notes)	3.0	3.3

Scoring scale 1 = very good; 5 = medium; 9 = very poor
 Yield Mean of 5 experimental sites over 2 years
 Mean Mean value of standard varieties

Description according to UPOV guidelines

DUS test conducted at Eder am Holz, BSA (DE), 2000-2003

UPOV No	Characteristics	State of expression	Note
2	Ploidy		2
5	Plant: natural height in the year of sowing	medium to tall	6
6	Leaf: color in the year of sowing	medium green to dark green	6
9	Plant: natural height in spring	medium to tall	6
10	Leaf: intensity of green color	dark	7
11	Time of flowering	early	3
12	Stem: length	short to medium	4
14	Stem: number of internodes	low	3
16	Leaf: shape of medial leaflet	elongated	1